"PALACIO REAL"
Typographia. Papelaria, Livraria, etc.
CESAR & CIA.
827, Av. 7 de Setembro, 833
MANAUS – AMAZONAS

Velho Carneiro
8999
9000

Vicente
9096

Collections of plants in the area of Rio Negro, Amazonas, Brazil, 1947.

Richard Evans Schultes

September 5, 1947

Lower Rio Negro — Tauapessassú

8713 Hevea Spruceana. Small tree on sandy shore. Leaflets leathery, glossy dark green above, reclinate. Latex thin, white. Trunk cylindrical. Fl. basally purple, calyx tips yellow.

8714 Hevea brasiliensis. Small tree. Quet. Fl. odorous, yellow. Infl. very short. Latex white, thick. Leaflets membranaceous, reclinate, discolorous. On sandy bank.

8715 Hevea brasiliensis. Same characteristics but leaflets smaller & infl. longer. Quet. Latex thick, white. Leaflets extremely dark green, glossy above.

September 4

Lower Rio Negro — Manáos
Road off Estrada do Aleixo km. 8

8716 Micrandra heterophylla Ima. major. Enormous tree 110 ft. Buttressed to 10 ft. diameter above buttresses 2½ ft.

Bark very thick, bright reddish inside, dark brown red, smooth outside. Latex thick, white. Fl. yellow, very pungently aromatic. Leaves ~~fete~~ of varying size. On sandy soil near brooke in light forest. Serrajaana

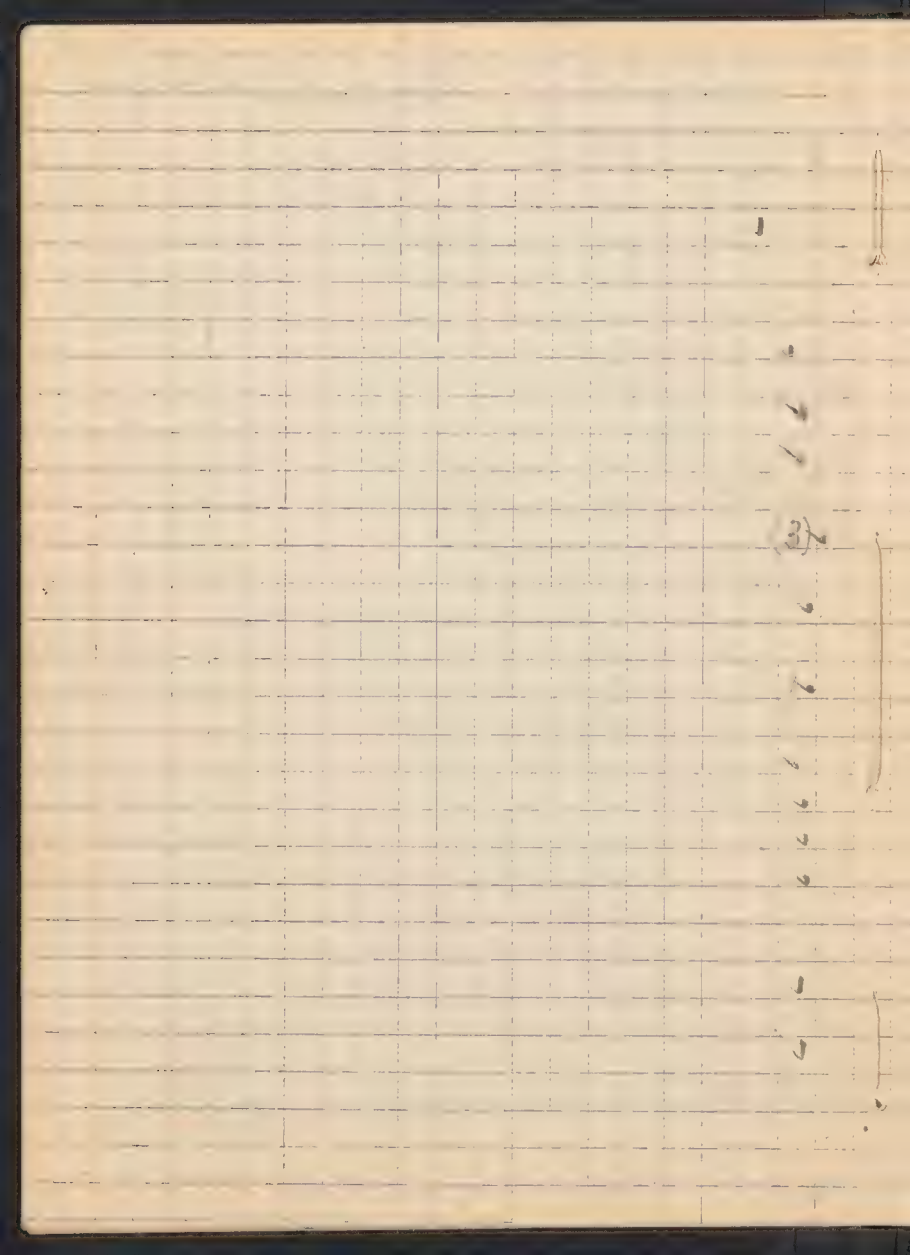
8717 ~~Neabohonia fagifrons~~ Anomalocalyx Uleanus. Rel. small tree, 50 ft. tall or less. Trunk cylindrical, not buttressed. Bark spotted grey + black, smooth. No latex in trunk but tips branches have a red latex. Growing with Micrandra, Cunuria, + Hevea guianensis in loc. of 8716. Leaves rather thick, fleshy.

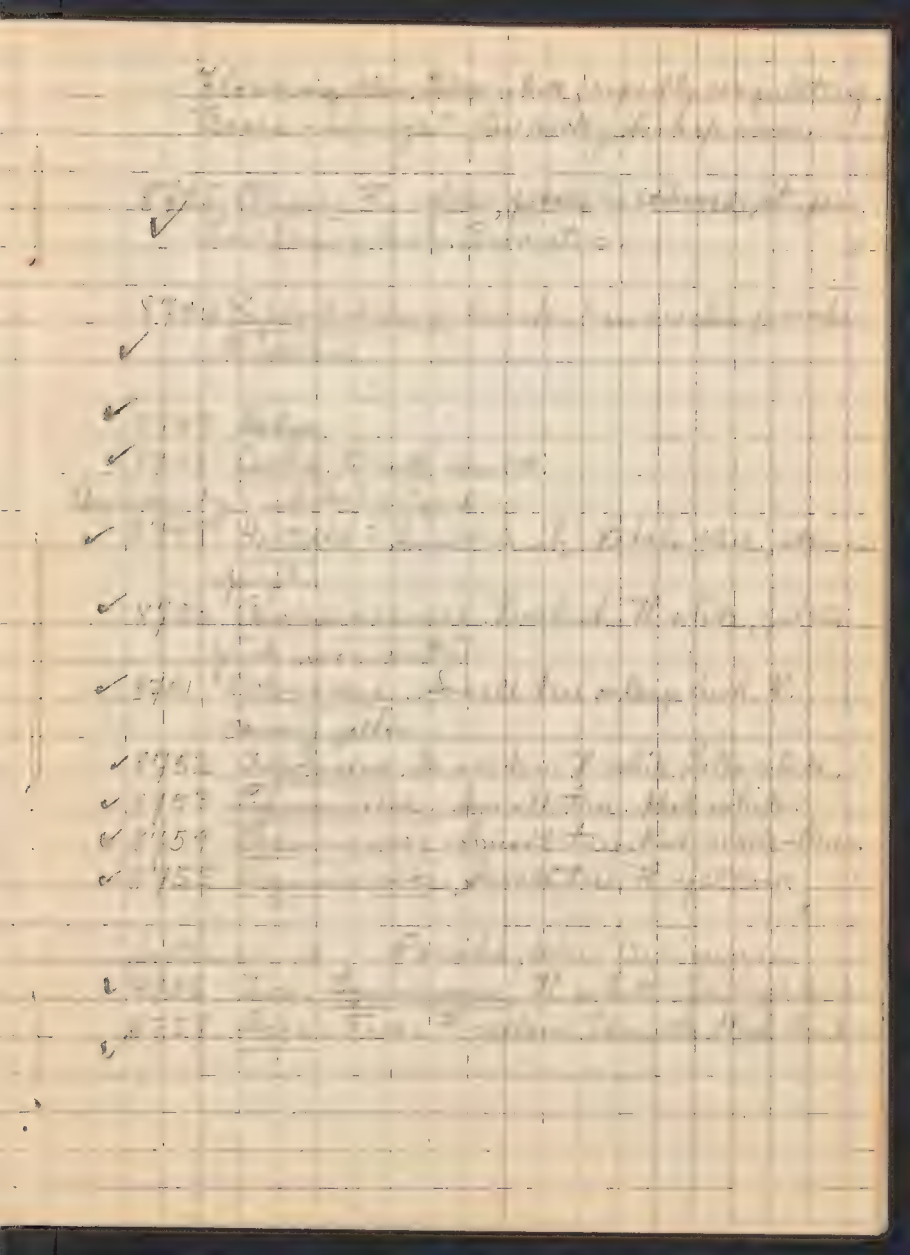
8718 ✓ Small bush. Acalypha? In forest, high sandy soil.

5 8719 ✓ Stifftia unflora. Fl. red pink. Vine. Cult. in Manáos garden. Cutting from the type plant from near Sta. Isabel on Rio Negro.

2 8720 ✓ Paepalanthus fastigiatus. On sandy caatingas around Manáos.

1 8721 ✓ Gentianacese. Fl. white. Hb. on sandy caatingas near Manáos.





Ирина Самарина 3

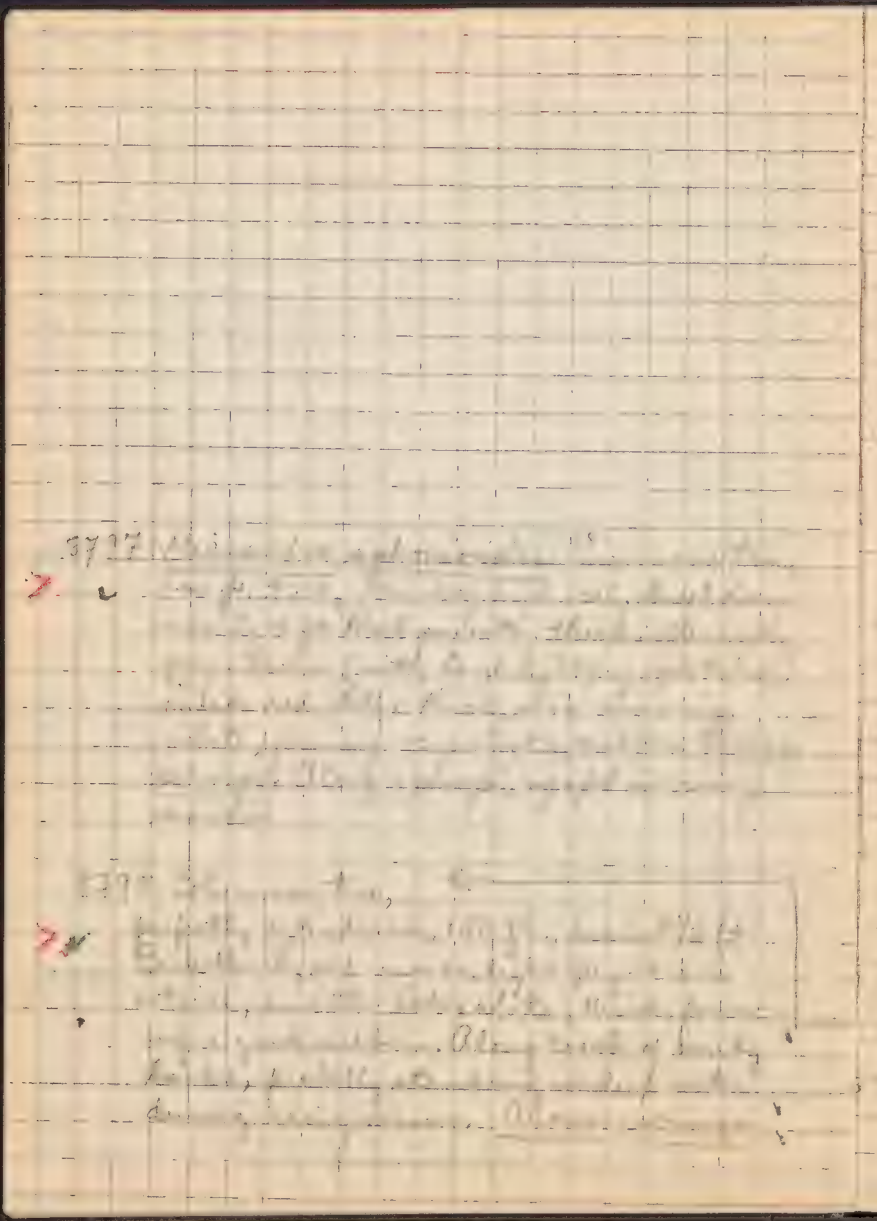
И. Самарина

Hermann Sandqvist

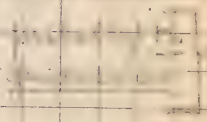
8778 Dwarfia arborescens (Aubl) Pitt.

✓ 8768 [illegible] bush. Fl. white. [illegible]
✓ 8769 [illegible], [illegible]. Fl. yellow
✓ 8770 [illegible] ? [illegible]. Fr. yellow.
✓ 8771 [illegible]. [illegible]
✓ 8772 [illegible]. [illegible]. Fl. white
✓ 8773 Tall tree. Fruit [illegible].
✓ 8774 [illegible] ? Tall tree.
Fruit ripe yellow, not [illegible]. Edible.
✓ 8775 [illegible] ? [illegible]. Fl. [illegible]
[illegible].
✓ 8776 Small tree. Fl. white. [illegible] [illegible]
✓ 8777 Bush. Fruit red. [illegible]
✓ 8778 [illegible] ? Fl. yellow. [illegible]
✓ 8779 [illegible]. [illegible]
[illegible] Fl.
[illegible]

[illegible] [illegible], Rio [illegible]
✓ 8780 [illegible]
✓ 8781 [illegible]
✓ 8782 [illegible]
✓ 8783 [illegible]
✓ 8784 [illegible]
8785 [illegible]
✓ 8786 [illegible] *Pouteria elegans* (A. DC.) Baehni
✓ 8787 [illegible]
8788 [illegible]
✓ 8789 [illegible]
✓ 8790 [illegible]
[illegible]
[illegible]



879 A. Small agenda Kant H. white.
879 B. Agenda Book H. white special
879 C. Book



✓5614 [illegible]

✓5615 [illegible]

✓5616 [illegible]

✓5617 [illegible]

✓5618 [illegible]

✓5619 [illegible]

✓5620 [illegible]

✓5621 [illegible]

✓5622 [illegible]

✓5623 [illegible]

✓ 2174 Hevea Benthamiana × H. [illegible]?

[illegible] thomiana.

✓5625 Hevea [illegible] Columbia tree 120 ft. tall, 3½ ft. diameter. Bark smooth, gray, ¼ inch thick, inside red, soft latex abundant, very thick, white, rapidly coagulating into strong, elastic rubber. Growing near edge of creek. Ardra - sirunga.

✓5626 [illegible]

✓5627 Hevea [illegible] Columbia tree 90 ft. tall, 2½-3 ft. diameter. Bark soft, very thick, gray and smooth outside, deep red inside. Latex thick, white. Growing at edge of creek. Ardra - sirunga.

✓ 8328 [illegible]

Sept. 22–24 [illegible]

✓ 8329 [illegible]

✓ 8330 [illegible]

✓ 8331 [illegible]

✓ 8332 [illegible]

✓ 8333 [illegible]

✓ 8334 [illegible]

✓ 8335 [illegible]

✓ 8336 [illegible]

✓ 8337 [illegible] (Rottb.) Körn.

✓ [illegible] Lobelocarpum tenue? [illegible]

✓ 8849 Leucaena. Woody, glabrous & low tree

✓ 8850 Small tree.

✓ 8851 Small tree. Woody, low bush. Flowers

✓ 8852 Woody, low bush. Flowers.

✓ 8853 Woody, low bush. Flowers.

✓ 8854 Woody, low bush. Flowers red.

✓ 8855 Woody, low bush. Flowers

8856 Woody, low bush. Flowers yellow

✓ 8857 Woody, low bush. Flowers yellow

✓ 8858 Mimosa prostrata. Stem & petioles prickly. Tree 75 ft. tall, columnar. Bark thick, hard, sandy brown, deeply cracked. Leaves erect.

✓ 8859 Almeria. Tree 40 ft. Tall to Buttress up to 8 ft. Trunk column, 2 ft. diam. Bark whitish brown, smooth outside, inside red. Latex thin, white, sparse. Flowers yellow

✓ 8860 Cuninea. Shrub or small Tree 10 ft. tall, columnar; Flowers red - brown, inside red. Flowers white, sparse. Flowers yellow. Tree very extensive. Cuninea.

✓ 8861 Tall tree. Epiphyte. Flowers red.

✓ 8862 Rosaceae? Small tree. Flowers white.

✓ 8863 Low thorny. Fruits brown.

2
6

3
1

3
6
6
6
6

4
1
6
6
3
6

September 27 Near Magnolia, Victoria Alone

8864 Hevea guianensis. Latex white. Leaflets
petiolate, 5 to 7 narrow elliptical in
whorls at tip of petiole. Bark white
outside, red inside. Columnar trunk, diam.
1½ m. Ht. 45 feet.

8865 Cecropia Schreberiana. Leaves green, buttressed
base of tall, slender trunk 2½ ft. Bark dark brown outside, red inside.
Petiole and upper surface yellow. Common. Very
abundant.

8866 Small tree. Leaves under 7 in. white + red.
8867 Small tree.
8868 Caladium. Yellow caterpillar.
8869 White vine with fr. 7 in. white.
8870 white vine with fr.

Sept. 27 Near Magnolia, Victoria, altitude 1000 ft.
(Prof. Smith)

5577 a Tree, 45 - 75 ft. high. (Mollie T.)
8872 Bush or tree, 7 in. white, black fr.
8873 Bush or tree, 7 in. white, black fr.
8874 Vine on tree, pith white. Fruit [illegible]
with [illegible], leaves 3½ ft. Petiole [illegible],
[illegible] brown, red inside, ¾ in. thick.
Leaf [illegible] white, very thick. Flowers [illegible],
[illegible] etc.

4

8880 [illegible]

8881 [illegible]

8875 Vicia [illegible] ... up to 100 ft. tall ... Fl. yellow. Pods ... with Pod externally smooth, ... internally red ... [illegible]

8876 Small tree, Euphorbiaceae? Capsules

8877 Rosaceae. Bush. Fl. white.

October 5, 1917 Bayamón [illegible]

8878 Vigna [illegible] Fl. ... [illegible]

8879 Vigna [illegible] Fl. ... [illegible]

8880 Vigna [illegible] (Centrosema)

8881 Bush. Fl. pink. Pod ...

8882 Bush. Okra ... Fl. ...

8883 [illegible]

October 7, 1917 Xuncos, [illegible]

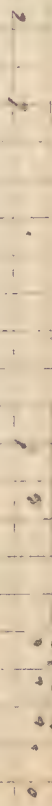
8884 [illegible]

3

6

8891 Swartzia polyphylla A.P.DC. Aubréville

Neoxythece elegans (A.DC.) Aubréville 5


1
2
3
4
4
5

October 9, 1947. [illegible]

[illegible]

[illegible]

[illegible]

October 9, 1947. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

3
6
3

5
3
5
2
1
6

8919 Melia [illegible] (?)

4

6

8926 Cucci Gaudichaudii Choisy

3

Near mouth of Wai Waiakuka, Nāpali Coast, Sept. 10, 1947.

3

5

Tukaua = bu-wah'-puke

8911 Small tree, Fl. purple, Fr. [illegible]

8912 [illegible] Fl. deep purple, [illegible]

8913 Jacaranda. Fl. deep purple, [illegible]

Vide Marchenia subrotunca Fruit

8914 Small tree, Fl. yellow, [illegible]

8915 Hyphaene [illegible] Salvary, Vide K. [illegible]

8916 Dioscorea. Small tree. Fl. [illegible]

8917 Sm. tree, Guava, Fl. pink. Fr. [illegible]

8918 Sm. tree. Fl. white.

8919 Tabernaemontana, Tall tree. Fl. [illegible]

8920 Small bush, Medranea

8921 Euphorbia, Bush. Fl. white.

8922 Small tree, Fr. black. Dioscorea.

8923 Ruellia. Fl. purple.

8924 Bush. Carissa Edulis.

8925 Bush. Fl. yellow. Montrichardia Small tree.

8926 Clausena, Small tree. Fl. [illegible]

8927 Hevea Brasiliensis. Large tree. Fl. [illegible]

Latex white. Trees [illegible] Brazil

[illegible]

8928 Hevea Brasiliensis. Small tree, 10 ft. tall.

Bark dark brown, smooth. Fl. [illegible] Latex white.

8929 Lagerstroemia, Salvadorica, Fl. yellow, white (?)

October 10, 1917. Bom Jesus, Piauhy

8930 Micrandra [illegible], Tree 90 ft. tall, colu[illegible]

5

2

5

5

E 9418 Buch K. weiß (3)
E 9419 Buch K. weiß (4)
E 9420 Buch K. weiß, Einbandmappe 4.

4

3

nose, [illegible] butternut, dense, 24 ft. Pinkish buff, grayish outside, red inside, split, ½ inch thick, outer white, very thick, [illegible]. Araia-serrigia. Along edge of rock.

October 12, 1947 Rain & thick fog; below me the Rio Desaguadero.

✓ 8931 Oreocharis [illegible]. Thick, fl. white, fruit brownish white.

✓ 8932 Tillandsia ? Epiph., to 7 ft. and. Fls. [illegible] white; sep. [illegible] yellow.

✓ 8933 Puya [illegible]. Epiph., to 7 ft. dark red.

✓ 8934 Viguiera. Shrub. Petals greenish.

✓ 8935 Oreocharis. Bush. Fruit white.

October 13, 1947 John Aird, just below mouth of Carmacancha.

✓ 8936 Oreocharis [illegible]. Shrub.

✓ 8937 Eupatorium sp. Shrub.

✓ 8938 Calceolaria. H. yellow, striped.

✓ 8939 Gnaphalium. Fls. L. H. yellow.

✓ 8940 Ambrosia. Tree 8 ft.

✓ 8941 Oreocharis. H. yellow.

✓ 8941A Senecio. Shrub. H. yellow.

October 15, 1947 Sun [illegible], Rio Mapiri.

✓ 8942 [illegible]

1
1
5
5
3
2
1
2
2
3
3
3
1

NB No. 8952 was collected in Rio [illegible] north. It is exceedingly common in the [illegible] Not seen on Rio Negro. Both Mozambique [illegible]

tall, with [illegible] yellow [illegible] Flowers [illegible] Not [illegible] white [illegible] (# 8958)

✓ 8945 [illegible]

✓ 8946 [illegible]

✓ 8947 [illegible]

✓ 8948 [illegible]

✓ September 11, 1947. Santa Isabel (Tapirapecuara) Rio Negro.

✓ 8948 Chorisandra. Stachydrina

✓ 8949 Small Tree. Annonaceae

✓ 8950 Vine?

✓ 8951 Small tree.

✓ 8952 Vine. Sapindaceae.

✓ 8953 Small tree.

✓ 8954 Vismia. Guttifera.

✓ 8955 Small tree. Fruit small. Near Sonneratia. Lecythidaceae.

✓ 8956 Herbaceous, Stem 3½. Corolla 2.5 cm.

✓ 8957 Herb. 7 ft. white.

✓ October 30, 1947. São Felix on the Rio Negro

← 8958 Small tree. Tree 15 to 20 - 40 ft. tall, sparingly [illegible] - [illegible] Fl. grn. white. Fruit orange

✓ 8959 [illegible]

✓ [illegible]

✓ Oct. 2nd, '47. Manaos Rio Negro.

✓ 8960 Mimosa. Tree, about 30 ft. [illegible]

✓ 8965A Phyllanthus sp. Euph. Fruit [illegible]

✓ 8965B [illegible], Fl. white. Fruit [illegible]

[illegible]

8970A Cunoniaceae. Small tree. Fl. white.

✓ 8961 [illegible]

✓ 8962 Sedum [illegible] Small bush. Fruited.

✓ 8963 Thymelaeaceae. Bush. Fruits white.

October 18, 1947 Ilha de Flores, Faz. da Varanda

✓ 8964 Cunonia capensis. Tree 65-70 ft. tall, columns above 3-4 ft. dark brittle bark, inner about 1/4 inch. Bark rough and cracked, dirty brown externally, pink internally, [illegible], thick, brittle. Leaves opposite, white, leaves light beneath, thick above. Cunoniaceae. Extremely abundant in native vegetation on very light forest soil and in thinned forest!

✓ 8965 Cunonia capensis. Same characters as on 8964. Flowers creamy white.

October 4, 1947 Terceira

✓ 8966 Pomaceae. [illegible] All Hts.

✓ 8967 [illegible]

✓ 8968 [illegible] Calceolaria [illegible] Cerro.

✓ 8969 [illegible] Cerro.

[illegible] 1947 São Gabriel, alongside at [illegible] São Gabriel.

✓ 8970 Hex [illegible] Tree [illegible] Latex, white [illegible]

(6)

(5)

(3)

pue-ně = fobia in Tukano (6)

(1)

(1)

(1)

(2)

✓ 8982A Pentaclethra. Tall tree. Flowers in erect spikes, white, fragrant. Along river edge. (2)

8971 [illegible]

8972 [illegible]

8973 Small bush.

8974 Pradosia. Med. sized tree. Fl. greenish white. Anig ft(?) Latex scant, white.

8975 Scandent shrub. Fruits dark red.

8976 Couma spicia. Small tree. Tuk: dö-ka'-pë

8977 Inga capitata. Bush. Fl. yellow. Tuk: ma-në'

8978 Hevea sp. Stride. Same as 8758.

8979 Bush. Unicate Amphirrhox surinamensis

8980 Bush. Fl. white. Unicate

8981 Hevea Benthamiana. Fl. reddish (buds) yellow. Coff. med. Latex white, thick. Columnar. 55-65 ft.

8982 Micrandra siphonioides. Common tree, 100 ft. Columnar, diam. 3 ft. Bark smooth, grey; internally reddish, latex white, abundant, thick. Bark 3/4 in. soft. Along creek.

November 4, 1947 Edson Serra Carajás, Pará, Negro (near Foz do Gelásio).

8983 Couepia cognata Spruce ex. Common tree, 100 ft., heavily attacked, latex yellowish, scant. Bark dark brown, smooth. Flowers yellow. Crown heavy. Highland forest on white sand subsoil.

PLANTAE BRASILIENSES

AMAZONAS

No.

At base of Serra Tukano, above Teovno

Rio Vaupés, between Ipanoré and confluence with Rio Negro.

Richard Evans Schultes et Joao Murca Pires 7, November 1947

(13) (1) (3) (9) (3) (14) (14)

November 5, 1947. Bank opposite Rio das Flores, Rio Negro.

8984 Cinnamodendron. Common tree 80 ft, small buttresses. Thick white latex with astringent taste. Seeds (in 2 rows). Bark rough, shaggy; reddish brown, hard, 1/2 inch thick, red within. Flowers white, aromatic, yellowish white. Common in caatinga. In swampy, sandy places in light forest; not abundant.

8985 Tree with slightly elongate, compound flowers on both sexes. Latex abundant, thick, white, sticky. Bark thick soft, reddish brown outside, whitish within. Flowers yellow. In swampy of the sandy soil in semi-caatinga forest. N.B. There is one tree and two specimens of 8985 and 8984. Tree 56 ft. Columnar.

8986 Moss.

8987 Hevea (South America). Along bank of river. Small tree 35 ft. tall, columnar. Bark grey-brown, reddish inside, yellowish, slowly changing, reddish. Latex thick, white. Leaves gigantic.

8988 Tarahea oppositifolia. Medium sized tree. Flowers lavender, fragrant, showy. Wood hard, white. Common - Rio Negro. Along river bank.

8989 Small tree. Flowers yellow.

November 6, 1947. [illegible] Flowers, [illegible]

Leaves [illegible]

8990 [illegible] a. Medium sized tree. Bark

(4)

(1)
(3)
(2)
(7)

8997 K Vochysia. Trunk, bark, inner surface, [illegible]
Peru.

(4)
(5)
(6)
(4)

Nine Laminae, at base of Large Tube, right hand (3)

8999 Fruit, elliptical, 33 mm. x 28 mm. fresh, dry 28 mm. x 24 mm. Apex rounded. Base [illegible], 2-3 mm. thick, rich dark green. Slightly fibrous coat [illegible]

✓ 8991 Eupte... up. large tree... [illegible]

November 6, 1927 Río Yuisía, near Iranza

✓ 8992 Palm. Type of Iriartea or Socratea. 6–8 ft. tall.

✓ 8993 Small bush. Fruit green.

✓ 8994 Palm.

✓ 8995 Phoebe Berthamiana. Tree 65 ft. tall, in flood-[illegible] Colorado. Bark red, scaly, blaze [illegible], reddish inside. Latex thick, white, not [illegible]. Leaflets glossy above, pale beneath. Fl. yellow.

✓ 8996 Clusia sp.? Small tree, [illegible]

✓ 8997 [illegible]. Bush along river edge. Fl. white.

✓ 8997A Quiina sp. Small tree.

November 7, 1927 Cabo-cabo, Río Pilcomayo.

✓ 8998 Quiina. Small tree on river edge. Fruit red and black. Poisonous.

✓ 8999 Cunuria tucanorum. Small tree in [illegible] forest. Columnar, great buttressed, 50 ft. tall, 8 in. dbh. Bark shredded, gray or above reddish beneath, hard, thin, peeling from [illegible] hardy; red internally. Leaves heavily coriaceous, margin-ate, folded above midrib [illegible] 120°. Latex thick, white, sticky, not [illegible] easily, relatively abundant. Growing very abundantly, together with Hevea [illegible] and Hevea [illegible]. (No flowers.) Wood hard, relatively [illegible].

PLANTAE BRASILIENSES

AMAZONAS

No.

Tamaquaré
~~Tamaquaqua~~, above Bela Vista

Rio Vaupés, between Ipanoré and confluence with Rio Negro.

Richard Evans Schultes et Joao Murca Pires 8, November 1947

9000 Cecropia tubarorum, Steinle. Columnar tree 65 ft. tall, diameter 10–12 inches, not buttressed. Leaves fairly abundant, white, sticky, not coagulating easily. Bark smooth, reddish brown outside, red inside, thin. Leaves coriaceous, margin entire, folded along midrib, recurved. In caatinga-forest.

9004 Palicia. Bush of inflorescence green. In deep soil in caatinga. **R. paludosa Aubl.**

9002 Sapotaceae. Tree 35 ft. in diam., about 60 ft. tall, 110 ft. tall. Keel [illegible] white, other flowers white. Anthers yellow. Heavily scented. In [illegible] forest. Bark red-brown; wood soft. Fairly [illegible]

9003 Terminalia. Bark [illegible]. Caatinga. (Uniste.)

9004 Small tree. [illegible] yellow.

9005 Sebastiania. Caatinga. [illegible]

9006 Clusia. Flowers small, white with base of petals pink-purple-violet. On beach.

9007 Brocchinia. Small tree. Flowers yellow. On beach.

9008 Polygonum. On beach.

9009 Chrysobalanaceae. Leaves [illegible] pu-nê-pa-Na (fish grease) = Tuhuyuna mê-kê-da-kaa-mera-da (fish [illegible]) = Tuhuyuna

November 8, 1944 Rio Tiquié, Taiaguaré, above Boa Vista.

9010 Matisia. Small tree. Flowers white, calyx green.

(2)

(3)

(100)

(3)

(4)

(2)

(1)

(5)

9011 Hevea Rostaniana, Arugoda, Colombo, tree 75 ft. high. Trunk with thick, grey, corky bark, exuding white latex; branches, leaves, flowers and fruit as in 9012.

9012 Hevea Benthamiana, Tall cabruta, Pará white, Brazil. Latex white, thick. Trifoliate horizontal. Bark outside smooth, red-brown, inside yellow, not unpleasant.

9013 Hevea Brasiliensis, Arugoda, Colombo. Tree 65 ft. high, dia. 18 inches. Bark outside dark brown, internally nearly, then yellowish-brown. Latex abundant, thick, white, sticky, used for waterproofing, rubber. Flowers & fruit as in 9014.

9014 Hevea [illegible]

9015 Manihot Glaziovii, Ceará rubber, Mexico. Tree 8 ft. high. Trifoliate leaves, fruit as in 9016.

9016 Jatropha Curcas, Physic nut. Shrub 4 ft. high. Fruit & seeds purgative.

9017 Ricinus communis, Castor oil plant, Mexico. Tree 8 ft. high, dia. 4 inches. Leaves palmate, fruit & seeds purgative.

9018 [illegible]

9019 [illegible]

9020 [illegible]

(2)

(3)

(2)

green to grey

(100)

(1)

(2)

(3)

3. asperula Spring. (3)

(3)

(4)

(3)

(2)

(3)

(3)

(5)

(4)

(2)

(1)

(1)

(2)

(1)

(3)

9037 Psychotria, Aloe sp. Fl. and Abdge of Leaf

9138 Ficus Pertusa.

9139 Cameraria Gilletiana. Fruit, ripe & immature & Flowers Fig. with Petiole, Stipules, Fruit, yellow Bark & Wood, Abdge of Wood & Leaf

9140 Ficus [illegible] yellow Bark

9141 Bark, Fruit & Leaf

[illegible]

9145 Odontadenia

[illegible]

24 × 17 cm. (5)

9048 Fragments 28 × 14 cm. with [illegible] 4–4.5 cm. long, 2.5 [illegible]

(3)

21 mm. × 11 mm.

Maniobra riesgosa

S. subarboreum Hook.

November 12, 1917 [illegible]

9075a decandria monogynia

Rubber sample.

Wood sample.

Hunstanthus Crocetata (ADC) Wonk.

902 Hunstanthus ottimoata

9118. Odontadenia cognata (Stapf) Woodson
9119. Mandevilla (R.&S.) K. Sch.

R. palustris Ait.

November 17, 1947.

9131

9131

9132

9133

9134

9135

9136

9137

9138

9139

9140

9141

9142

9143

9144

9145

9146

9147

9148

S. Kochii
Kiss.

S. cedrifolia (Bunge)
Sprenj.

Cuscuta tuberosa n. sp. Schultz et Mauricia spec. nov.

- Tubercula cerea, usque ad 65 mm alta (cl. minimum 2), usque ad 10-12 mm lata (cl. minima prope basin 1 mm), cylindrica, [illegible] sursum [illegible] tenuia; [illegible] cinereo-albida, 2-3 mm crassa; copiosa fragilia, succo lacteo albo. Folia nulla. Flores in racemos, fasciculos ovata vel ellipticos = rotundata*, omnino glabra, sessilia, in specimine typico [illegible] 10—25 cm longos, 10—15 cm lata (cl. minima prope basin 1 mm), apice valde saturata, basi sordida, margine [illegible], supra atrovirescentia, infra pallidiora; rami secundarii 12-15*, subtus non [illegible], superficie inferiore pallide albescentia, aromatica, dentibus, bracteis [illegible] tenuissimis, dentiformibus, deltoideis, acutis, ad 1 mm altis. Petala cracca, ovato-oblonga, 3-7 mm longa, 2-3 mm in diametro; glabra, [illegible] [illegible] [illegible]. Flores albi ignoti. Fructus [illegible] globosa, rotunda, vix 3½ mm x 2,8 mm, vix 2,8 mm x 2 mm, apice [illegible] glabra, 2-3 mm crassa, fibrosa*, in loculis lignosa, tenuissima, 1 mm crassa; [illegible] [illegible]; [illegible]. Semina adhuc ignota [illegible].

BRAZIL: [illegible] - Rio [illegible], [illegible], Base d. Serra Tucano. [illegible] in caatinga [illegible] Alt. [illegible], [illegible] with H. [illegible] and H. [illegible]. Tuberous [illegible], not [illegible], 50 ft. tall, [illegible].

[illegible] bark checked, gray or reddish brown [illegible], thin [illegible] [illegible]. [illegible], relatively [illegible] [illegible] coriaceous, margins [illegible], [illegible] [illegible] forming an angle of 120° [illegible] [illegible], [illegible], sticky, [illegible] [illegible] [illegible] abundant. [illegible] [illegible]: [illegible] (= [illegible] of the [illegible])."
Richard Evans Schultes et [illegible] 8999 November 7, 1947 (TYPUS).

Same locality. "[illegible] tree 65 ft. [illegible] diameter 10–12 inches, not buttressed. [illegible] abundant, white, sticky, not [illegible]. Bark smooth, reddish brown [illegible] [illegible], [illegible] coriaceous, [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]."
Richard Evans Schultes et [illegible] 9000, November 7, 1947.

The closest ally of Cunuria tuk[illegible] appears to be C. glabra. Whereas the latter is a corpulent, heavily buttressed tree of [illegible] (similar to [illegible]) [illegible] of British and Dutch Guiana, the former is a slender tree devoid of buttresses so characteristic of the genus. There are also other differences. The leaves of Cunuria glabra tend, in general, to be somewhat smaller than those of C. tuk[illegible] and also apparently have had [illegible] [illegible] on the upper surface, a character not present in C. tuk[illegible]. The fruit of Cunuria

tuberosum is much smaller (33 x 28 mm.) than that of C. [illegible] (55–60 mm. x 30); and the capitulum of the former is [illegible] rounded at the apex whereas that of the latter tends to be somewhat tapering. When [illegible] of these two species are [illegible], the difference [illegible] will be found.

The common name, [illegible], in [illegible], refers to [illegible]. [illegible] grows in [illegible] with [illegible] rocks, but does not, in spite of its common name, inhabit real [illegible]. [illegible] is found in these [illegible].

In the [illegible] [illegible] is [illegible], which [illegible]. Although [illegible] [illegible], [illegible] [illegible] [illegible].

[illegible] appears to be much more [illegible] than the [illegible] of the [illegible]. The latter is [illegible] between the [illegible] which is not [illegible] and which [illegible].

Euphorbiaceae (Franz Eilsperger):

I. Árvores ou arbustos; folhas sem vasos laticíferos e com tecido fibrilar medullar; flores dioicas ou monoicas, em inflorescências

✓ Phyllanthoideae

II. Ervas ou subarbustos; vasos laticíferos frequentes; folhas com vasos laticíferos; flores dioicas

A. Inflorescências parciais cymiformes

1. Estames livres ou connados na base, com a antera posta por baixo; calículo ausente; flores masculinas em glomérulos axillares, com 1 estame; flores femininas em racemos terminais; ovário 3-locular, com 3 óvulos, 3 estiletes bifidos, pendentes por baixo da antera.

✓ Euphorbioideae

2. Estames connados na base; flores nuas

a) calículo ausente; raro presente

+ Flores masculinas em glomérulos; flores femininas em racemos, espigas ou glomérulos

✓ Acalypheae

++ Flores masculinas e femininas em glomérulos, em dichasios, raro, em racemos

✓ Jatropheae

+++ Flores masculinas em glomérulos, em racemos ou em dichasios simples, terminais

✓ Manihoteae

b) Calículo presente, imbricado

+ Flores masculinas com petalas, em

inflorescencias parciais afilares ou
folíferas, subpl. ou paniculadas
✓ Cistíneas

++ Flores masculinas dialistemones; inflores-
cencias parciais aglomeradas em
cabeças ou espigas ou afilares; raro
isoladas ou solitárias
✓ Salicíneas

+++ Flores masculinas apétalas; inflores-
cencias parciais terminais, espigadas, raro isoladas; raro simples
✓ Euforbiáceas

B Estames numerosos, parcialmente soldados
✓ Cupuliferas

Tribu Phyllanthoideae

Flores monóicas ou dióicas, raro com cálice e
corola, em regra apétalas; estames livres ou diversamente soldados; ♀ ovário 2-6-locular; óvulos
2 em cada lóculo; fruto em regra cápsula, raro
drupa ou baga; sementes com albúmen carnoso
ou farináceo; muitas vezes com cistólitos
tamníferos, mais raro vasos laticíferos
I. Folhas alternas, inteiras
A. Flores masculinas em inflorescencias
agl. ou fas., afilares.
1. Endosperma pouco; estames livres; flores
monóicas.
✓ Savia

2. Sem endosperma
a) Flores masculinas em regra com pe-

Tubo, ou funil raro, solitário ou
+ Pistilo descontínuo, bífido ou bí-
fidos; estames ± uma saliência
curta; cápsula dorsal dorsal
✓ Euphorbia
++ Estames sociais, discóides; cápsula
carnosa
✓ Jatropha
b) Flores apétalas
+ Estiletes ± ramos finos, às vezes
dilatados no ápice; flores subcen-
trais ou laterais, ♂ ou ♀ ou
solitárias
α) Flores masculinas com rudimento
de ovário; estiletes 2 - 8 ramo-
sos
✓ Securinega
αα) Flores masculinas sem rudimento
de ovário; disco desenvolvido
✓ Phyllanthus
++ Estiletes muito dilatados, foliá-
ceos; em regra com rudimento de
ovário nas flores masculinas; ovário
1 ÷ 2 locular
✓ Euphorbia
B Flores [illegible] e simultaneamente
1) [illegible]
2) [illegible]
✓ Hieronyma

ovario 3-locular; sepalas ?-4; petalas 3-4

[illegible]

II. Folhas alternas, [illegible], flores [illegible] sepalas [illegible]; estames 8-10; fructo [illegible]

[illegible]

Trib. [illegible]

Flores [illegible], folhas [illegible] ; [illegible], com [illegible] do ovario nas flores [illegible]; [illegible] [illegible] [illegible] ; [illegible] 3-[illegible], [illegible] [illegible].

I Sepalas iguaes, [illegible], [illegible] [illegible].

[illegible]

II Sepalas desiguaes, [illegible] com 1-2 [illegible] [illegible]; [illegible]

[illegible]

Roll 100

1) [illegible]

Roll 101

1) Cuyuni and Negro boundary from Negro just below mouth of [illegible]

2) Upper Rio Negro just below mouth of Cuyuni river

3) [illegible]

4) [illegible]

5) [illegible]

6) [illegible]

7-8-9) Barima-Waini district

10-11-12) Cuyuni & Essequibo

Roll 102

1-2) Maps

3) Tatuperu [illegible] Essequibo, Rio Branco, Rio Negro, Rio Cuyuni, Rio Caroni, Orinoco, Brazil, Venezuela

4-5) [illegible]

6-7) Essequibo

8) [illegible]

9-10) [illegible]

Roll 103

1–6 Cunuria tukanensis, Cachoeira Fun. [illegible]
Serra Tukano.

7–10 Cunuria cruziana, Taracuá

11–12 [illegible] Taracuá

Roll 104

2 [illegible], Taracuá

3–12 [illegible] Taracuá

Roll 105

1–12 [illegible]

Roll 106

1–4 [illegible] Taracuá

5–6 [illegible], Taracuá

Roll 107

1–6 [illegible]

7 [illegible]

8 [illegible]

9–12 [illegible]

Roll 108

1–3 [illegible]

4 [illegible]

5 [illegible]

6 [illegible]

7–8 [illegible]

9 [illegible]

10–11 [illegible]

12

116 Cocuy
117 Caatinga at Cocuy 9-12 Hevea # 9490
118 1-5 Hevea # 9489
119 Planta at Cocuy
120 " " " and mouth Xié (flowers Uauzui)
121
122 1-5 Hevea nitida. Serrinha.
6 Caatinga forest Serrinha.
7-12 Hevea microphylla - São Felipe
123 1-12 " " " "
124 1-6 Araracanga Jucabi
7-12 Flowers araracanga Jucabi
125
126 Rio Curicuriari
127 Curicuriari
128 Taracuá
129 Hevea rigidifolia
130 1-2 Macambira - Cumuru
3 - Hevea nitida
4-7 H. microphylla
Lalee at Taracuá
131 Various

Paullinia Cupana — one vuelta below Maraitaná, Rio Negro, Piranga. Left side. Cultivated & abandoned.

Lethyzhie — Same locality, opposite side. Used as castanha. Manuel Faria.